

## **Abstract**

The present invention provides a novel test piece for creatinine measurement. The test piece includes a compound expressed by the following formula (1), a metal that forms a colored complex with the compound, and a buffer agent in a porous material. The amount of creatinine is determined by optically measuring a colored complex of the compound and the metal and evaluating the degree of inhibition of the colored complex formation by creatinine. In the formula (1), R<sup>1</sup> represents H, SO<sub>3</sub>X, or COOX. R<sup>4</sup> and R<sup>6</sup> represent OH, SO<sub>3</sub>X, or COOX and may be either the same or different. R<sup>2</sup>, R<sup>3</sup>, R<sup>5</sup>, and R<sup>7</sup> represent H, OH, Cl, Br, I, NO<sub>2</sub>, NO, or CH<sub>3</sub> and may be either the same or different. Xs in the R<sup>1</sup>, R<sup>4</sup>, and R<sup>6</sup> represent H, Na, K, or NH<sub>4</sub> and may be either the same or different.

